



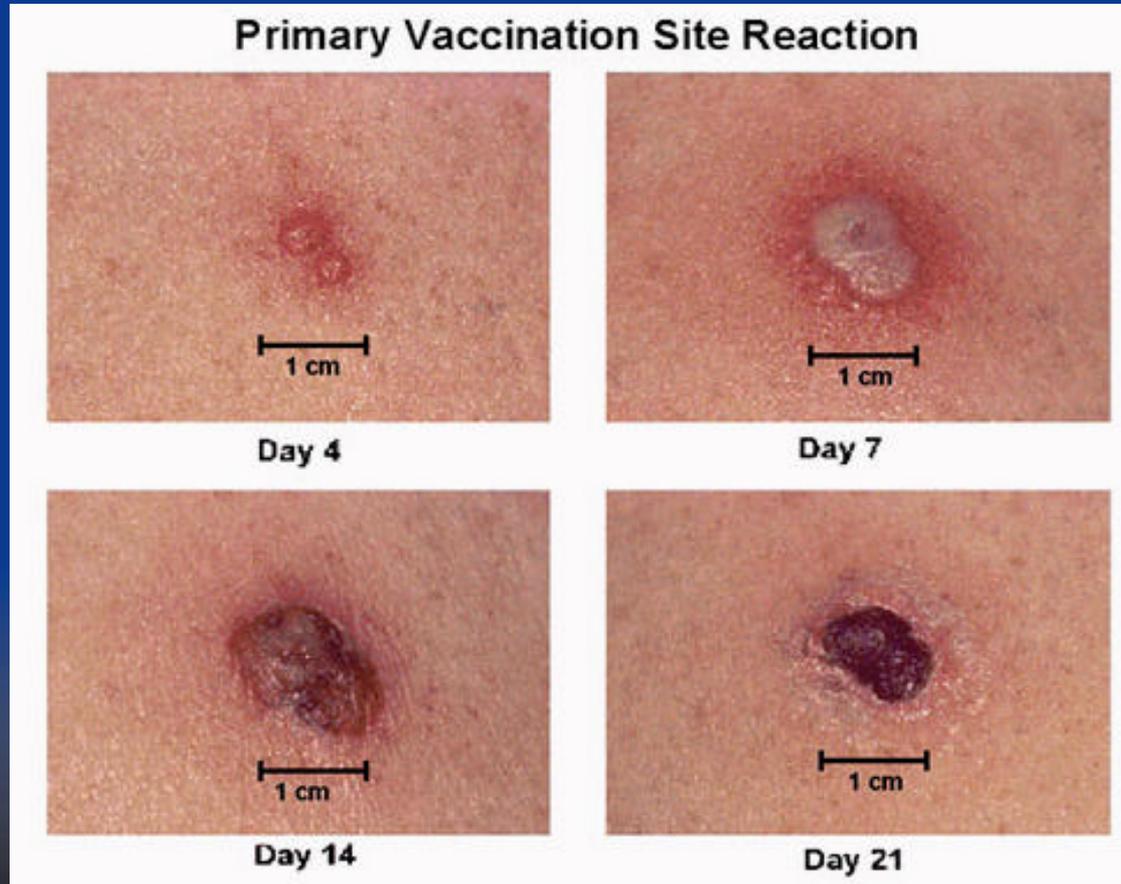
Smallpox Vaccine Adverse Events Public Health Guidance for Clinicians

A Teaching Set Reviewing Key Points
in the MMWR Report

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Expected Vaccination Site Reaction





Normal Reaction Day 7





Normal Reaction Day 12





Major Reaction

First time vaccinee, Day 6





Major Reaction

First time vaccinee, Day 10





Major Reaction

First time vaccinee, Day 15





Major Reaction Revaccinee, Day 4





Major Reaction Revaccinee, Day 8





Major Reaction Revaccinee, Day 10





Major Reaction Revaccinee, Day 15





Expected Range of Vaccine Reactions



- Fatigue
- Headache
- Myalgia
- Lymphadenopathy
- Lymphangitis
- Pruritis
- Edema at the vaccination site
- Satellite Lesions

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Rates of Expected Reactions

- 21% complications required physician consult
- Most Common Symptoms
 - ◆ Fatigue (50%)
 - ◆ Headache (40%)
 - ◆ Muscle aches and Chills (20%)
 - ◆ Nausea (20%)
 - ◆ Fever ≥ 37.7 °C or 100 °F (10%)



Satellite Lesions

Naïve Patient, Day 7



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Satellite Lesions



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Large Vaccination Reactions and Robust Takes

Robust take with lymphangitis



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Large Vaccination Reactions and Robust Takes

Robust take with lymphangitis



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Large Vaccination Reactions and Robust Takes Large Local Reaction

